GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1920
ANSWERED ON:05.05.2016
Technology Upgradation for Power Generation
Karandlaje Km. Shobha

Will the Minister of POWER be pleased to state:

(a) whether the country''s power generation over the next few decades will continue to depend heavily on coal and if so, the details thereof;

(b) whether an advanced ultra super critical technology R & D project has been approved by the Government at a cost of Rs. 1500 crore for coal based power plants; and

(c) if so, the objectives thereof and progress made in implementation of the projects?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL AND NEW & RENEWABLE ENERGY

(SHRI PIYUSH GOYAL)

(a) : As on 31.03.2016, the total installed generation capacity in the country was 2,98,059.97 MW with the fuel wise break-up as under:-

INSTALLED CAPACITY AS ON 31.03.2016
(FIGURES IN MW)

Hydro	Thermal				Nuclear	Renewable Energy Sources (RES) @	Total
	Coal	Gas	Diesel	Total			
Installed Capacity (MW)	42783.42	185172.88	24508.63	993.53	210675.04	5780.00	38821.51	298059.97
% share	14.35	62.13	8.22	0.33	70.68	1.94	13.02	100.00

@ : Renewable Energy Sources capacity is as on 31.12.2015

The Coal Based Generation Capacity is 62.13% of the total installed capacity of 2,98,059.97 MW as on 31.03.2016. Under Intended Nationally Determined Contributions (INDC), the Government of India has committed to achieve renewable generation capacity of 1,75,000 MW in the next few years. After achieving the renewable generation capacity of 1,75,000 MW, the share of coal based energy in the energy mix of the country is expected to reduce.

(b) : No, Madam.

(c) : Does not arise.

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